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CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

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November 1986

M3-1(86)-11

U.S. Department of Commerce
BUREAU OF THE CENSUS

For Wire Transmission 10:00 a.m. E.S.T. Friday, January 2, 1987

(All Figures in text are in seasonally adjusted current dollars)

NOTICE - Impending changes in the M3 survey, effective with the February 1987 advance report on durable goods, are outlined on page 8.

SUMMARY. New orders for manufactured goods in November increased $7.9 billion or 4.1 percent to $200.4 billion. The increase was largely attributable to large defense orders and orders for nondurable goods.

Shipments of manufactured goods increased $2.0 billion or 1.0 percent to $198.2 billion. Nondurable goods increased 2.6 percent; durable goods declined 0.2 percent. Unfilled orders for manufactured goods increased $2.2 billion or 0.6 percent to $367.1 billion. About two-thirds of the increase resulted from defense orders. Excluding defense, the orders backlog was up 0.2 percent.

Inventories held by manufacturers increased $0.6 billion or 0.2 percent in November to $276.6 billion. Both the durable and nondurable goods sectors were up 0.2 percent. By stage of fabrication, the inventory increase was concentrated in finished goods, which were up 1.4 percent. Materials and supplies decreased 0.2 percent and work in process declined 0.4 percent.

NEW ORDERS. Over two-thirds of the $7.9 billion increase in manufacturers' orders occurred in the durable goods sector. Orders for durable goods were up $5.7 billion or 5.5 percent to $109.3 billion, following a 4.7 percent decline in October. Both months were heavily influenced by orders for defense capital goods. Excluding defense, durable goods orders in November were up 0.3 percent and in October down 1.3 percent.

Within the major industry categories, the largest increases were in transportation equipment, up $4.2 billion or 15.9 percent to $30.3 billion, and nonelectrical machinery, up $1.9 billion or 12.2 percent to $17.1 billion. Defense orders caused the increase in transportation equipment; excluding defense, transportation equipment orders were down 6.3 percent. Increases within the nonelectrical machinery category were widespread with the largest in engines and turbines and office and computing equipment.

New orders for nondurable goods increased $2.2 billion or 2.5 percent to $91.1 billion. The largest industry increases were in petroleum and tobacco products.

SHIPMENTS. The increase in November in manufacturers' shipments resulted from increases in nondurable goods industries. In total, nondurables were up $2.3 billion or 2.6 percent to $91.0 billion. Nearly half of the increase was in the petroleum products industries, up $0.9 billion or 9.2 percent to $11.1 billion; petroleum has been on a sharp downward trend during most of this year.

Shipments of durable goods in November decreased $0.3 billion or 0.2 percent to $107.2 billion. The largest decline was in transportation equipment, down $0.6 billion or 2.1 percent to $27.7 billion; most of the decrease was in motor vehicle and parts. The largest increase was in electrical machinery, up $0.7 billion or 4.2 percent to $17.6 billion.

UNFILLED ORDERS. About three-fourths of unfilled orders held by manufacturers are for capital goods. In November, the backlog of orders for capital goods increased $2.4 billion or 0.9 percent to $281.5 billion; $1.7 billion of that increase was in the defense category. Unfilled orders for nondefense capital goods increased $0.7 billion or 0.6 percent to $131.7 billion; the aircraft and parts industry accounted for most of the increase. Unfilled orders for noncapital goods industries were unchanged from October.

INVENTORIES. The increase in durable goods inventories in November of 0.2 percent was mostly in transportation equipment, largely motor vehicles and parts. In nondurable goods, also up 0.2 percent, increases in chemicals and rubber and plastics more than offset a decline in food products.

The inventory to shipments ratio in November was 1.40, in October 1.41, and September 1.41.

SCHEDULED RELEASE DATES. The advance report on durable goods for December is scheduled for release on January 27, 1987 at 8:30 a.m. and the full report on February 3, 1987 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502 or (301) 763-2512.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service–CENDATA™. The online version of the report can be read from a terminal screen, printed on– or off–line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334–2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763–2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986	Oct.-Nov.p	Sept.-Oct.r	Aug.-Sept.	Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986	1986p	1985
	All manufacturing industries	198,232	196,202	196,281	193,305	+1.0	0.0	+1.5	195,402	201,296	207,008	190,795	2,152,612	2,149,007
	Manufacturing industries with unfilled orders	111,362	110,360	109,570	107,264	+0.9	+0.7	+2.1	110,336	113,145	115,565	105,573	1,191,531	1,164,875
	Durable goods industries	107,185	107,443	106,027	104,154	-0.2	+1.3	+1.8	105,256	110,545	111,768	100,573	1,162,670	1,142,276
	With unfilled orders	88,150	87,215	86,218	84,714	+1.1	+1.2	+1.8	86,992	89,049	91,180	82,606	943,846	933,529
32	Stone, clay, and glass products	4,968	4,978	4,941	4,760	-0.2	+0.7	+3.8	4,872	5,277	5,396	5,066	54,890	53,093
322	Glass containers	449	450	415	424	-0.2	+8.4	-2.1	415	459	430	459	4,789	4,493
33	Primary metals	9,579	9,770	9,644	9,358	-2.0	+1.3	+3.1	9,058	9,772	9,734	9,183	108,594	116,590
331	Blast furnaces, steel mills	3,662	3,890	3,833	3,638	-5.9	+1.5	+5.4	3,461	3,828	3,756	3,543	43,928	48,574
333-9	Nonferrous and other primary metals	4,697	4,673	4,683	4,601	+0.5	-0.2	+1.8	4,425	4,706	4,856	4,527	51,409	54,312
34	Fabricated metal products	14,092	14,397	14,266	13,910	-2.1	+0.9	+2.6	13,754	15,037	15,046	14,160	157,025	155,771
341	Metal cans, barrels, and drums	895	904	837	920	-1.0	+8.0	-9.0	760	859	947	1,087	10,211	10,542
35	Machinery, except electrical	16,901	16,750	16,597	16,433	+0.9	+0.9	+1.0	16,580	16,619	17,639	15,216	186,183	193,716
351	Engines and turbines	1,287	1,264	1,249	1,159	+1.8	+1.2	+7.8	1,182	1,176	1,313	1,063	13,473	13,628
352	Farm machinery and equipment	718	647	730	835	+11.0	-11.4	-12.6	631	736	754	680	8,852	9,645
353	Construction, mining, and material handling equipment	2,661	2,434	2,319	2,498	+9.3	+5.0	-7.2	2,648	2,478	2,472	2,276	30,515	30,725
354	Metalworking machinery	939	961	918	787	-2.3	+4.7	+16.6	897	1,031	1,003	738	9,607	9,489
356	General industrial machinery	1,478	1,510	1,463	1,319	-2.1	+3.2	+10.9	1,425	1,575	1,491	1,327	16,150	15,460
357	Office and computing machines	3,896	4,001	4,256	4,018	-2.6	-6.0	+5.9	4,176	3,753	4,775	3,737	42,774	49,419
36	Electrical machinery	17,627	16,909	17,258	16,883	+4.2	-2.0	+2.2	17,632	17,240	18,362	16,375	179,367	169,277
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,153	2,135	2,129	2,143	+0.8	+0.3	-0.7	2,086	2,068	2,298	2,069	23,213	22,828
363	Household appliances	1,640	1,667	1,598	1,515	-1.6	+4.3	+5.5	1,497	1,712	1,750	1,609	16,656	15,812
365	Radio and TV	1,168	1,213	1,203	1,166	-3.7	+0.8	+3.2	1,205	1,363	1,421	1,139	12,019	10,176
366	Communication equipment	6,087	5,467	5,973	5,791	+11.3	-8.5	+3.1	6,060	5,434	6,076	5,487	59,476	56,286
367	Electronic components	3,388	3,299	3,280	3,347	+2.7	+0.6	-2.0	3,395	3,279	3,487	3,270	36,374	35,982
37	Transportation equipment	27,743	28,334	27,082	26,855	-2.1	+4.6	+0.8	27,377	29,316	28,114	24,095	300,362	287,497
371	Motor vehicles and parts	17,229	17,720	17,777	16,970	-2.8	-0.3	+4.8	16,854	18,919	18,404	14,949	194,926	189,194
372,6	Aircraft, missiles, and parts	8,815	8,878	7,720	8,163	-0.7	+15.0	-5.4	8,969	8,740	8,202	7,563	88,110	80,323
3731,95	Shipbuilding and military tank vehicles	735	684	648	754	+7.5	+5.6	-14.1	730	681	656	728	7,643	8,988
38	Instruments and related products	4,867	4,823	4,568	4,727	+0.9	+5.6	-3.4	4,885	4,959	4,942	4,650	51,608	51,675
381-4	Scientific and engineering instruments	3,184	3,094	2,919	3,169	+2.9	+6.0	-7.9	3,092	3,094	3,147	3,106	33,654	33,886
386	Photographic goods	1,504	1,555	1,492	1,399	-3.3	+4.2	+6.6	1,618	1,675	1,622	1,381	16,009	15,690
24,25, 39	All other durable goods	11,408	11,482	11,671	11,228	-0.6	-1.6	+3.9	11,098	12,325	12,535	11,828	124,641	114,657
	Nondurable goods industries	91,047	88,759	90,254	89,151	+2.6	-1.7	+1.2	90,146	90,751	95,240	90,222	989,942	1,006,731
	With unfilled orders	23,212	23,145	23,352	22,550	+0.3	-0.9	+3.6	23,344	24,096	24,385	22,967	247,685	231,346
20	Food and kindred products	26,782	26,469	26,552	26,286	+1.2	-0.3	+1.0	26,581	27,172	28,307	26,268	284,666	271,583
201	Meat products	6,161	6,164	6,127	6,102	0.0	+0.6	+0.4	6,118	6,398	6,262	6,303	63,536	62,031
208	Beverages	3,935	3,931	3,997	4,013	+0.1	-1.7	-0.4	3,691	3,982	4,025	4,290	44,171	41,947
207	Fats and oils	1,103	1,092	1,073	1,077	+1.0	+1.8	-0.4	1,143	1,090	1,088	1,050	11,690	12,587
203-6,9	All other foods	12,150	11,900	12,095	11,723	+2.1	-1.6	+3.2	12,199	12,340	13,571	11,254	128,863	119,391
21	Tobacco products	2,038	1,486	1,815	1,781	+37.1	-18.1	+1.9	2,052	1,508	2,013	1,882	19,372	18,332
22	Textile mill products	4,801	4,793	4,693	4,618	+0.2	+2.1	+1.6	4,669	5,002	5,067	4,825	50,194	48,407
26	Paper and allied products	9,583	9,397	9,515	9,299	+2.0	-1.2	+2.3	9,227	9,479	9,704	9,485	100,270	89,714
261-3,6	Pulp, paper etc.	4,047	4,086	4,077	3,929	-1.0	+0.2	+3.8	3,993	4,050	4,115	3,957	42,508	38,454
265	Paperboard containers	1,824	1,790	1,855	1,838	+1.9	-3.5	+0.9	1,773	1,896	1,914	1,884	20,159	19,854
264	All other paper products	3,712	3,521	3,583	3,532	+5.4	-1.7	+1.4	3,461	3,533	3,675	3,644	37,603	31,406
28	Chemicals and allied products	18,067	17,903	17,949	18,060	+0.9	-0.3	-0.6	17,036	17,161	18,767	17,593	196,652	196,847
281,6	Industrial chemicals, except pigments	6,175	5,952	5,958	5,937	+3.7	-0.1	+0.4	5,897	5,684	5,982	5,830	64,744	65,582
283,4	Drugs, soaps, and toiletries	5,160	5,239	5,249	5,153	-1.5	-0.2	+1.9	4,969	5,155	6,162	5,189	56,391	51,065
29	Petroleum and coal products	11,146	10,203	10,718	10,880	+9.2	-4.8	-1.5	11,158	10,306	11,006	11,023	132,088	177,070
30	Rubber and plastics products	4,103	3,995	3,984	3,804	+2.7	+0.3	+4.7	3,991	4,257	4,250	3,925	44,104	44,672
23,27, 31	All other nondurable goods	14,527	14,513	15,028	14,423	+0.1	-3.4	+4.2	15,432	15,866	16,126	15,221	162,596	160,106
	Market categories:													
	Home goods and apparel	13,597	13,461	14,107	13,631	+1.0	-4.6	+3.5	13,904	14,952	15,891	14,845	151,400	147,585
	Consumer staples	38,125	37,419	38,088	37,280	+1.9	-1.8	+2.2	38,189	38,379	40,939	37,341	405,960	380,650
	Equipment and defense products, except automotive	31,254	30,486	29,735	30,631	+2.5	+2.5	-2.9	31,050	30,333	31,613	28,916	329,627	328,945
	Automotive equipment	19,323	19,861	19,696	18,831	-2.7	+0.8	+4.6	18,680	21,084	20,331	16,829	215,908	210,442
	Construction materials, supplies and intermediate products	18,366	18,623	18,346	17,685	-1.4	+1.5	+3.7	17,814	19,501	19,669	18,633	201,363	191,267
	Other materials, supplies, and intermediate products	77,567	76,352	76,309	75,247	+1.6	+0.1	+1.4	75,765	77,047	78,565	74,231	848,354	890,118
	Supplementary series:[2]													
	Capital goods industries	36,599	35,730	34,768	34,928	+2.4	+2.8	-0.5	36,682	35,551	36,860	32,775	379,612	371,495
	Nondefense	27,905	27,722	27,081	27,284	+0.7	+2.4	-0.7	27,941	27,506	28,805	25,425	295,609	295,374
	Defense	8,694	8,008	7,687	7,644	+8.6	+4.2	+0.6	8,741	8,045	8,055	7,350	84,003	76,121
	Household durable goods industries	7,116	7,133	7,489	7,147	-0.2	-4.8	+4.8	7,103	7,854	8,523	7,477	77,617	72,201

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986	Oct.-Nov.P	Sept.-Oct.r	Aug.-Sept.	Nov. 1986P	Oct. 1986r	Sept. 1986	Aug. 1986	1986P	1985
	All manufacturing industries	200,421	192,502	199,399	192,836	+4.1	-3.5	+3.4	195,866	199,388	208,321	186,986	2,151,717	2,151,245
	Manufacturing industries with unfilled orders	113,551	106,660	112,688	106,795	+6.5	-5.3	+5.5	110,800	111,237	116,878	101,764	1,190,636	1,167,112
	Durable goods industries	109,273	103,569	108,723	103,845	+5.5	-4.7	+4.7	105,808	108,623	112,745	96,996	1,161,247	1,144,363
	With unfilled orders	90,238	83,341	88,914	84,405	+8.3	-6.3	+5.3	87,544	87,127	92,157	79,029	942,423	935,616
32	Stone, clay, and glass products	4,918	4,958	4,960	4,787	-0.8	0.0	+3.6	4,804	5,200	5,359	5,028	54,774	53,177
33	Primary metals	9,501	9,713	9,842	10,245	-2.2	-1.3	-3.9	9,067	9,516	9,588	9,929	107,878	117,110
331	Blast furnaces, steel mills	3,717	3,677	4,212	4,488	+1.1	-12.7	-6.1	3,579	3,561	3,903	4,342	43,925	49,095
333-9	Nonferrous and other primary metals	4,757	4,651	4,504	4,557	+2.3	+3.3	-1.2	4,482	4,499	4,589	4,490	50,353	53,772
34	Fabricated metal products	14,316	14,217	14,051	13,702	+0.7	+1.2	+2.5	13,703	14,524	14,759	13,859	155,585	154,565
35	Machinery, except electrical	17,092	15,231	16,523	16,603	+12.2	-7.8	-0.5	16,718	15,819	17,091	15,168	181,855	193,193
351	Engines and turbines	1,198	727	1,541	900	+64.8	-52.8	+71.2	973	1,128	1,510	952	12,904	13,478
353	Construction, mining, and material handling equipment	2,666	2,375	2,170	2,517	+12.3	+9.4	-13.8	2,667	2,415	2,320	2,220	28,928	31,088
354	Metalworking machinery	868	796	980	693	+9.0	-18.8	+41.4	822	882	967	750	9,244	10,149
356	General industrial machinery	1,516	1,473	1,416	1,303	+2.9	+4.0	+8.7	1,455	1,567	1,386	1,315	16,043	15,161
357	Office and computing machines	4,109	3,537	3,868	4,735	+16.2	-8.6	-18.3	4,419	3,338	4,267	3,938	41,444	49,161
36	Electrical machinery	16,872	17,083	17,672	15,952	-1.2	-3.3	+10.8	16,167	17,301	18,612	15,533	180,506	172,360
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,025	2,198	2,228	2,131	-7.9	-1.3	+4.6	1,944	2,129	2,363	2,082	22,923	22,440
363	Household appliances	1,616	1,667	1,653	1,516	-3.1	+0.8	+9.0	1,468	1,652	1,778	1,609	16,617	15,835
365	Radio and TV	1,235	1,410	1,280	1,140	-12.4	+10.2	+12.3	1,201	1,351	1,496	1,212	12,072	10,263
366	Communication equipment	5,617	5,709	6,341	5,264	-1.6	-10.0	+20.5	5,198	5,801	6,706	5,014	62,296	63,346
367	Electronic components	3,157	3,006	3,059	3,014	+5.0	-1.7	+1.5	2,960	3,020	2,944	2,808	34,739	32,325
37	Transportation equipment	30,272	26,115	28,964	26,704	+15.9	-9.8	+8.5	29,657	29,317	29,772	21,096	304,170	287,504
372,6	Aircraft, missiles, and parts	12,569	6,783	9,530	8,525	+85.3	-28.8	+11.8	11,796	8,724	9,872	5,219	92,478	84,198
3731,95	Shipbuilding and military tank vehicles	-352	317	774	550	-211.0	-59.0	+40.7	358	347	739	358	7,448	6,114
38	Instruments and related products	4,747	4,843	4,843	4,607	-2.0	0.0	+5.1	4,715	4,901	5,159	4,532	51,400	51,887
24,25, 39	All other durable goods	11,555	11,409	11,868	11,245	+1.3	-3.9	+5.5	10,977	12,045	12,405	11,851	125,079	114,567
	Nondurable goods industries	91,148	88,933	90,676	88,991	+2.5	-1.9	+1.9	90,058	90,765	95,576	89,990	990,470	1,006,882
	With unfilled orders	23,313	23,319	23,774	22,390	0.0	-1.9	+6.2	23,256	24,110	24,721	22,735	248,213	231,496
	Market categories:													
	Home goods and apparel	13,705	13,624	14,332	13,755	+0.6	-4.9	+4.2	13,709	14,648	15,798	14,979	151,888	147,606
	Consumer staples	38,169	37,420	38,044	37,231	+2.0	-1.6	+2.2	38,197	38,363	40,924	37,331	405,938	380,740
	Equipment and defense products, except automotive	32,615	26,930	30,473	30,501	+21.1	-11.6	-0.1	32,126	29,552	32,106	25,994	329,417	332,679
	Automotive equipment	19,246	20,091	19,681	18,533	-4.2	+2.1	+6.2	18,555	21,428	20,285	16,576	215,676	209,608
	Construction materials, supplies and intermediate products	18,163	18,476	18,250	17,577	-1.7	+1.2	+3.8	17,519	19,148	19,478	18,449	200,568	191,050
	Other materials, supplies, and intermediate products	78,523	75,961	78,619	75,239	+3.4	-3.4	+4.5	75,760	76,249	79,730	73,657	848,230	889,562
	Supplementary series:[2]													
	Capital goods industries	39,045	31,913	37,060	34,657	+22.3	-13.9	+6.9	38,261	34,680	38,715	29,497	381,778	378,133
	Nondefense	28,647	26,912	28,222	26,325	+6.4	-4.6	+7.2	28,218	28,120	29,027	24,264	294,229	293,971
	Defense	10,398	5,001	8,838	8,332	+107.9	-43.4	+6.1	10,043	6,560	9,688	5,233	87,549	84,162
	Household durable goods industries	7,292	7,333	7,707	7,235	-0.6	-4.9	+6.5	6,967	7,603	8,443	7,610	78,106	72,205

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[1] Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2] The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986	Oct.-Nov.p	Sept.-Oct.r	Aug.-Sept.	Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986	Nov. 1985
	All manufacturing industries..	367,086	364,897	368,597	365,479	+0.6	-1.0	+0.9	360,465	360,001	361,909	360,596	355,178
	Durable goods industries.....	355,713	353,625	357,499	354,803	+0.6	-1.1	+0.8	349,468	348,916	350,838	349,861	345,114
32	Stone, clay, and glass products...	2,624	2,674	2,694	2,675	-1.9	-0.7	+0.7	2,517	2,585	2,662	2,699	2,481
33	Primary metals.....	19,293	19,371	19,428	19,230	-0.4	-0.3	+1.0	18,414	18,405	18,661	18,807	19,024
331	Blast furnaces, steel mills.....	9,411	9,356	9,569	9,190	+0.6	-2.2	+4.1	8,903	8,785	9,052	8,905	8,923
333-9	Nonferrous and other primary metals.....	6,015	5,955	5,977	6,156	+1.0	-0.4	-2.9	5,690	5,633	5,840	6,107	6,576
34	Fabricated metal products.....	19,004	18,780	18,960	19,175	+1.2	-0.9	-1.1	18,517	18,568	19,081	19,368	19,975
35	Machinery, except electrical.....	55,056	54,865	56,384	56,458	+0.3	-2.7	-0.1	54,725	54,587	55,387	55,935	60,449
351	Engines and turbines.....	14,192	14,281	14,818	14,526	-0.6	-3.6	+2.0	14,458	14,667	14,715	14,518	15,012
353	Construction, mining, and material handling equipment....	4,778	4,773	4,832	4,981	+0.1	-1.2	-3.0	4,730	4,711	4,774	4,926	6,255
354	Metalworking machinery.....	3,473	3,544	3,709	3,647	-2.0	-4.4	+1.7	3,515	3,590	3,739	3,775	4,303
356	General industrial machinery....	4,169	4,131	4,168	4,215	+0.9	-0.9	-1.1	4,136	4,106	4,114	4,219	4,362
357	Office and computing machines...	17,992	17,779	18,243	18,631	+1.2	-2.5	-2.1	17,560	17,317	17,732	18,240	20,012
36	Electrical machinery.....	83,946	84,701	84,527	84,113	-0.9	+0.2	+0.5	82,580	84,045	83,984	83,734	80,998
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,491	5,619	5,556	5,457	-2.3	+1.1	+1.8	5,451	5,593	5,532	5,467	5,794
363	Household appliances.....	379	403	403	348	-6.0	0.0	+15.8	318	347	407	379	386
365	Radio and TV.....	628	561	364	287	+11.9	+54.1	+26.8	491	495	507	432	522
366	Communication equipment.....	61,115	61,585	61,343	60,975	-0.8	+0.4	+0.6	60,353	61,215	60,848	60,218	57,629
367	Electronic components.....	14,688	14,919	15,212	15,433	-1.5	-1.9	-1.4	14,335	14,770	15,029	15,572	15,239
37	Transportation equipment.....	161,616	159,087	161,306	159,424	+1.6	-1.4	+1.2	158,983	156,703	156,702	155,044	148,568
372,6	Aircraft, missiles, and parts...	138,536	134,782	136,877	135,067	+2.8	-1.5	+1.3	135,900	133,073	133,089	131,419	124,412
3731,95	Shipbuilding and military tank vehicles.....	17,315	18,403	18,770	18,644	-5.9	-2.0	+0.7	17,392	17,764	18,098	18,015	17,983
38	Instruments and related products..	8,511	8,631	8,611	8,336	-1.4	+0.2	+3.3	8,396	8,566	8,624	8,407	8,526
24,25, 39	All other durable goods.....	5,663	5,516	5,589	5,392	+2.7	-1.3	+3.7	5,336	5,457	5,737	5,867	5,093
	Nondurable goods industries.....	11,373	11,272	11,098	10,676	+0.9	+1.6	+4.0	10,997	11,085	11,071	10,735	10,064
	Market categories:												
	Home goods and apparel.....	4,653	4,545	4,382	4,157	+2.4	+3.7	+5.4	4,106	4,301	4,605	4,698	3,849
	Consumer staples.....	728	684	683	727	+6.4	+0.1	-6.1	711	703	719	734	723
	Equipment and defense products, except automotive.....	230,945	229,584	233,140	232,402	+0.6	-1.5	+0.3	228,050	226,974	227,755	227,262	223,635
	Automotive equipment.....	5,392	5,469	5,239	5,254	-1.4	+4.4	-0.3	5,322	5,447	5,103	5,149	5,655
	Construction materials, supplies and intermediate products.....	11,413	11,616	11,763	11,859	-1.7	-1.2	-0.8	11,181	11,476	11,829	12,020	11,978
	Other materials, supplies, and intermediate products.....	113,955	112,999	113,390	111,080	+0.8	-0.3	+2.1	111,095	111,100	111,898	110,733	109,338
	Supplementary series:[2]												
	Capital goods industries.....	281,525	279,079	282,896	280,604	+0.9	-1.3	+0.8	277,706	276,127	276,998	275,143	270,494
	Nondefense.....	131,714	130,972	131,782	130,641	+0.6	-0.6	+0.9	131,322	131,045	130,431	130,209	131,425
	Defense.....	149,811	148,107	151,114	149,963	+1.2	-2.0	+0.8	146,384	145,082	146,567	144,934	139,069
	Household durable goods industries.....	4,204	4,028	3,828	3,610	+4.4	+5.2	+6.0	3,669	3,805	4,056	4,136	3,435

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986	Oct.-Nov.p	Sept.-Oct.r	Aug.-Sept.	Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986	Nov. 1985
	All manufacturing industries..	276,588	276,007	276,574	277,473	+0.2	-0.2	-0.3	275,368	275,619	275,097	277,799	280,930
	Manufacturing industries with unfilled orders.....	193,518	193,858	194,469	194,689	-0.2	-0.3	-0.1	191,957	193,175	193,677	195,505	196,489
	Durable goods industries.....	185,742	185,358	186,102	186,045	+0.2	-0.4	0.0	184,248	184,747	185,275	186,580	188,867
	With unfilled orders.....	169,981	170,325	170,885	171,148	-0.2	-0.3	-0.2	168,869	170,028	170,364	171,749	173,505
32	Stone, clay, and glass products...	5,572	5,480	5,529	5,673	+1.7	-0.9	-2.5	5,391	5,306	5,385	5,640	5,536
322	Glass containers.....	672	652	644	631	+3.1	+1.2	+2.1	665	645	629	635	638
33	Primary metals.....	15,479	15,514	15,855	16,212	-0.2	-2.2	-2.2	15,446	15,465	15,790	16,206	17,969
331	Blast furnaces, steel mills.....	6,317	6,272	6,515	6,805	+0.7	-3.7	-4.3	6,412	6,341	6,561	6,866	8,203
333-9	Nonferrous and other primary metals.....	8,029	8,079	8,140	8,208	-0.6	-0.7	-0.8	7,917	7,974	8,042	8,167	8,550
34	Fabricated metal products.....	18,614	18,533	18,734	18,511	+0.4	-1.1	+1.2	18,030	18,181	18,375	18,542	18,764
341	Metal cans, barrels, and drums..	2,524	2,393	2,460	2,146	+5.5	-2.7	+14.6	2,135	2,027	2,108	2,077	1,923
35	Machinery, except electrical.....	36,737	36,690	36,784	37,055	+0.1	-0.3	-0.7	36,559	36,595	36,618	37,113	39,518
351	Engines and turbines.....	1,980	1,945	1,963	1,981	+1.8	-0.9	-0.9	1,980	1,950	1,925	1,946	1,924
352	Farm machinery and equipment....	1,704	1,704	1,610	1,657	0.0	+5.8	-2.8	1,629	1,622	1,623	1,650	1,740
353	Construction, mining, and material handling equipment....	5,754	5,846	5,904	5,780	-1.6	-1.0	+2.1	5,725	5,805	5,839	5,786	6,232
354	Metalworking machinery.....	2,806	2,745	2,753	2,731	+2.2	-0.3	+0.8	2,814	2,756	2,736	2,761	2,778
356	General industrial machinery....	3,184	3,202	3,181	3,265	-0.6	+0.7	-2.6	3,155	3,160	3,149	3,226	3,408
357	Office and computing machines...	10,214	10,300	10,294	10,688	-0.8	+0.1	-3.7	10,183	10,393	10,356	10,880	12,296
36	Electrical machinery.....	34,204	34,361	34,529	34,596	-0.5	-0.5	-0.2	33,881	34,274	34,378	34,795	33,228
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,104	4,075	4,137	4,156	+0.7	-1.5	-0.5	4,108	4,118	4,118	4,168	4,290
363	Household appliances.....	2,410	2,397	2,401	2,382	+0.5	-0.2	+0.8	2,246	2,282	2,262	2,330	2,150
365	Radio and TV.....	1,617	1,621	1,585	1,622	-0.2	+2.3	-2.3	1,601	1,602	1,645	1,711	1,344
366	Communication equipment.....	15,090	15,084	15,248	15,335	0.0	-1.1	-0.6	15,034	15,142	15,210	15,379	14,752
367	Electronic components.....	5,906	6,041	6,021	6,030	-2.2	+0.3	-0.1	5,876	6,023	5,985	6,060	5,976
37	Transportation equipment.....	50,927	50,702	50,804	50,037	+0.4	-0.2	+1.5	51,068	51,004	50,832	50,172	49,779
371	Motor vehicles and parts.....	11,013	10,645	10,642	10,674	+3.5	0.0	-0.3	11,123	10,877	10,784	10,769	11,445
372,6	Aircraft, missiles, and parts...	36,543	36,657	36,662	35,950	-0.3	0.0	+2.0	36,517	36,725	36,578	36,099	35,070
3731,95	Shipbuilding and military tank vehicles.....	1,811	1,781	1,746	1,709	+1.7	+2.0	+2.2	1,802	1,791	1,754	1,668	1,547
38	Instruments and related products..	9,634	9,704	9,608	9,552	-0.7	+1.0	+0.6	9,541	9,620	9,600	9,610	9,608
381-4	Scientific and engineering instruments.....	6,810	6,843	6,784	6,688	-0.5	+0.9	+1.4	6,776	6,781	6,750	6,681	6,903
386	Photographic goods.....	2,204	2,239	2,195	2,224	-1.6	+2.0	-1.3	2,169	2,237	2,224	2,284	2,110
24,25, 39	All other durable goods.....	14,575	14,374	14,259	14,409	+1.4	+0.8	-1.0	14,332	14,302	14,297	14,502	14,465
	Nondurable goods industries.....	90,846	90,649	90,472	91,428	+0.2	+0.2	-1.0	91,120	90,872	89,822	91,219	92,063
	With unfilled orders.....	23,537	23,533	23,584	23,541	0.0	-0.2	+0.2	23,088	23,147	23,313	23,756	22,984
20	Food and kindred products.....	21,069	21,205	21,054	21,725	-0.6	+0.7	-3.1	22,274	22,314	21,332	21,606	21,987
201	Meat products.....	2,231	2,254	2,318	2,353	-1.0	-2.8	-1.5	2,291	2,227	2,170	2,219	2,308
208	Beverages.....	3,434	3,385	3,469	3,553	+1.4	-2.4	-2.4	3,362	3,344	3,382	3,400	3,304
207	Fats and oils.....	953	1,060	1,047	1,036	-10.1	+1.2	+1.1	1,158	1,083	822	854	1,168
203-6,9	All other foods.....	12,559	12,667	12,423	13,008	-0.9	+2.0	-4.5	13,639	13,832	13,181	13,333	13,546
21	Tobacco products.....	3,053	3,034	2,974	2,982	+0.6	+2.0	-0.3	3,105	3,083	2,956	2,806	3,300
22	Textile mill products.....	6,224	6,310	6,397	6,337	-1.4	-1.4	+0.9	6,070	6,100	6,276	6,323	6,494
26	Paper and allied products.....	10,016	9,962	10,065	10,114	+0.5	-1.0	-0.5	9,986	9,841	9,842	10,026	9,630
261-3,6	Pulp, paper etc.....	3,962	3,917	3,906	3,885	+1.1	+0.3	+0.5	3,962	3,897	3,832	3,876	3,703
265	Paperboard containers.....	2,380	2,392	2,411	2,379	-0.5	-0.8	+1.3	2,359	2,347	2,372	2,377	2,239
264	All other paper products.....	3,674	3,653	3,748	3,850	+0.6	-2.5	-2.6	3,665	3,597	3,638	3,773	3,688
28	Chemicals and allied products.....	22,413	22,297	22,141	22,085	+0.5	+0.7	+0.3	22,362	22,063	21,675	21,971	21,624
281,6	Industrial chemicals, except pigments.....	6,793	6,727	6,658	6,676	+1.0	+1.0	-0.3	6,773	6,680	6,558	6,683	6,469
283,4	Drugs, soaps, and toiletries....	7,361	7,368	7,223	7,297	-0.1	+2.0	-1.0	7,376	7,280	7,100	7,304	6,879
29	Petroleum and coal products.....	5,568	5,512	5,478	5,767	+1.0	+0.6	-5.0	5,799	5,652	5,567	5,783	7,774
30	Rubber and plastics products.....	6,308	6,150	6,285	6,314	+2.6	-2.1	-0.5	6,133	6,028	6,128	6,178	5,981
23,27, 31	All other nondurable goods.....	16,195	16,179	16,078	16,104	+0.1	+0.6	-0.2	15,391	15,791	16,046	16,526	15,273
	Market categories:												
	Home goods and apparel.....	22,485	22,359	22,228	22,421	+0.6	+0.6	-0.9	21,454	21,749	22,041	22,741	20,854
	Consumer staples.....	34,271	34,317	33,946	34,706	-0.1	+1.1	-2.2	35,179	35,300	34,340	34,682	34,587
	Equipment and defense products, except automotive.....	82,692	82,723	83,062	82,667	0.0	-0.4	+0.5	82,331	82,668	82,478	82,708	84,847
	Automotive equipment.....	13,090	12,762	12,937	12,980	+2.6	-1.4	-0.3	13,198	12,918	12,992	12,963	13,830
	Construction materials, supplies and intermediate products.....	18,542	18,178	18,278	18,479	+2.0	-0.5	-1.1	18,185	18,005	18,104	18,436	18,805
	Other materials, supplies, and intermediate products.....	105,508	105,668	106,123	106,220	-0.2	-0.4	-0.1	105,021	104,979	105,142	106,269	108,007
	Supplementary series:[2]												
	Capital goods industries.....	96,896	97,135	97,465	96,981	-0.2	-0.3	+0.5	96,597	97,203	97,095	97,274	97,400
	Nondefense.....	67,831	67,914	68,429	68,515	-0.1	-0.8	-0.1	68,006	68,266	68,237	68,713	71,252
	Defense.....	29,065	29,221	29,036	28,466	-0.5	+0.6	+2.0	28,591	28,937	28,858	28,561	26,148
	Household durable goods industries.....	11,696	11,591	11,446	11,567	+0.9	+1.3	-1.0	11,274	11,353	11,376	11,759	10,743

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986	Oct.-Nov.p	Sept.-Oct.r	Aug.-Sept.	Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986	Nov. 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	85,987	86,141	86,419	86,562	-0.2	-0.3	-0.2	85,626	85,656	85,694	86,274	87,721
	Durable goods industries.....	50,530	50,561	51,052	50,878	-0.1	-1.0	+0.3	50,473	50,615	51,051	51,121	52,978
32	Stone, clay, and glass products...	1,693	1,710	1,697	1,761	-1.0	+0.8	-3.6	1,678	1,706	1,700	1,771	1,776
33	Primary metals.....	4,526	4,557	4,564	4,596	-0.7	-0.2	-0.7	4,644	4,631	4,584	4,585	5,421
34	Fabricated metal products.....	6,757	6,744	6,880	6,946	+0.2	-2.0	-1.0	6,594	6,652	6,828	6,957	7,162
35	Machinery, except electrical.....	10,364	10,345	10,524	10,442	+0.2	-1.7	+0.8	10,337	10,311	10,421	10,413	11,125
36	Electrical Machinery.....	7,680	7,697	7,871	7,855	-0.2	-2.2	+0.2	7,554	7,636	7,873	7,923	7,844
37	Transportation equipment.....	11,599	11,536	11,625	11,281	+0.5	-0.8	+3.0	11,631	11,522	11,607	11,417	11,524
38	Instruments and related products..	2,612	2,627	2,625	2,662	-0.6	+0.1	-1.4	2,597	2,635	2,656	2,663	2,642
24,25, 39	All other durable goods.....	5,299	5,345	5,266	5,335	-0.9	+1.5	-1.3	5,438	5,522	5,382	5,392	5,484
	Nondurable goods industries.....	35,457	35,580	35,367	35,684	-0.3	+0.6	-0.9	35,153	35,041	34,643	35,153	34,743
20	Food and kindred products.....	7,958	7,986	7,845	8,069	-0.4	+1.8	-2.8	8,226	8,019	7,401	7,653	7,482
21	Tobacco products.....	2,426	2,408	2,419	2,419	+0.7	-0.5	0.0	2,357	2,281	2,330	2,301	2,679
22	Textile mill products.....	1,863	1,918	1,885	1,947	-2.9	+1.8	-3.2	1,798	1,805	1,832	1,943	1,926
26	Paper and allied products.....	4,980	4,921	4,976	4,963	+1.2	-1.1	+0.3	4,957	4,902	4,936	4,920	4,689
28	Chemicals and allied products.....	8,425	8,519	8,348	8,326	-1.1	+2.0	+0.3	8,261	8,349	8,319	8,341	7,901
29	Petroleum and coal products.....	1,663	1,652	1,623	1,684	+0.7	+1.8	-3.6	1,649	1,646	1,583	1,654	2,048
30	Rubber and plastics products.....	2,252	2,215	2,265	2,292	+1.7	-2.2	-1.2	2,219	2,210	2,230	2,218	2,071
23,27, 31	All other nondurable goods.....	5,890	5,961	6,006	5,984	-1.2	-0.7	+0.4	5,686	5,829	6,012	6,123	5,947
	WORK IN PROCESS												
	All manufacturing industries..	103,984	104,412	104,635	104,177	-0.4	-0.2	+0.4	103,671	104,803	104,602	104,693	105,[illegible]
	Durable goods industries.....	90,030	90,507	90,898	90,673	-0.5	-0.4	+0.2	89,696	90,769	90,768	91,[illegible]19	9[illegible],733
32	Stone, clay, and glass products...	747	713	746	761	+4.8	-4.4	-2.0	707	681	726	747	757
33	Primary metals.....	6,614	6,593	6,746	6,845	+0.3	-2.3	-1.4	6,546	6,561	6,755	6,938	7,103
34	Fabricated metal products.....	6,941	6,826	6,942	6,766	+1.7	-1.7	+2.6	6,683	6,753	6,856	6,8[illegible]3	6,988
35	Machinery, except electrical.....	14,425	14,639	14,833	15,186	-1.5	-1.3	-2.3	14,473	14,768	14,778	15,19[illegible]	15,957
36	Electrical Machinery.....	20,302	20,456	20,353	20,378	-0.8	+0.5	-0.1	20,251	20,498	20,275	20,492	19,399
37	Transportation equipment.....	33,678	33,963	34,022	33,523	-0.8	-0.2	+1.5	33,771	34,260	34,138	33,59[illegible]	32,951
38	Instruments and related products..	4,019	4,045	4,032	3,948	-0.6	+0.3	+2.1	3,995	4,013	4,003	3,972	4,166
24,25, 39	All other durable goods.....	3,304	3,272	3,224	3,266	+1.0	+1.5	-1.3	3,270	3,235	3,237	3,287	3,412
	Nondurable goods industries.....	13,954	13,905	13,737	13,504	+0.4	+1.2	+1.7	13,975	14,034	13,834	13,674	14,667
20	Food and kindred products.....	1,682	1,670	1,664	1,669	+0.7	+0.4	-0.3	1,699	1,652	1,625	1,621	1,616
21	Tobacco products.....	304	297	259	276	+2.4	+14.7	-6.2	421	476	350	232	297
22	Textile mill products.....	1,902	1,892	1,902	1,836	+0.5	-0.5	+3.6	1,887	1,884	1,904	1,829	2,009
26	Paper and allied products.....	1,196	1,186	1,157	1,170	+0.8	+2.5	-1.1	1,188	1,188	1,175	1,203	1,176
28	Chemicals and allied products.....	3,402	3,479	3,483	3,351	-2.2	-0.1	+3.9	3,404	3,476	3,475	3,38[illegible]	3,687
29	Petroleum and coal products.....	760	769	733	758	-1.2	+4.9	-3.3	758	751	737	789	1,384
30	Rubber and plastics products.....	1,272	1,194	1,233	1,169	+6.5	-3.2	+5.5	1,277	1,201	1,251	1,197	1,170
23,27, 31	All other nondurable goods.....	3,436	3,418	3,306	3,275	+0.5	+3.4	+0.9	3,341	3,406	3,317	3,418	3,328
	FINISHED GOODS												
	All manufacturing industries..	86,617	85,454	85,520	86,734	+1.4	-0.1	-1.4	86,071	85,160	84,801	86,832	87,8[illegible]9
	Durable goods industries.....	45,182	44,290	44,152	44,494	+2.0	+0.3	-0.8	44,079	43,363	43,456	44,440	45,156
32	Stone, clay, and glass products...	3,132	3,057	3,086	3,151	+2.5	-0.9	-2.1	3,006	2,919	2,959	3,122	3,003
33	Primary metals.....	4,339	4,364	4,545	4,771	-0.6	-4.0	-4.7	4,256	4,273	4,451	4,683	5,445
34	Fabricated metal products.....	4,916	4,963	4,912	4,799	-0.9	+1.0	+2.4	4,753	4,776	4,691	4,782	4,614
35	Machinery, except electrical.....	11,948	11,706	11,427	11,427	+2.1	+2.4	0.0	11,749	11,516	11,419	11,51[illegible]	12,436
36	Electrical Machinery.....	6,222	6,208	6,305	6,363	+0.2	-1.5	-0.9	6,076	6,140	6,230	6,38[illegible]	5,985
37	Transportation equipment.....	5,650	5,203	5,157	5,233	+8.6	+0.9	-1.5	5,666	5,222	5,087	5,165	5,304
38	Instruments and related products..	3,003	3,032	2,951	2,942	-1.0	+2.7	+0.3	2,949	2,972	2,941	2,975	2,80[illegible]
24,25, 39	All other durable goods.....	5,972	5,757	5,769	5,808	+3.7	-0.2	-0.7	5,624	5,545	5,678	5,823	5,569
	Nondurable goods industries.....	41,435	41,164	41,368	42,240	+0.7	-0.5	-2.1	41,992	41,797	41,345	42,392	42,653
20	Food and kindred products.....	11,429	11,549	11,545	11,987	-1.0	0.0	-3.7	12,349	12,643	12,306	12,332	12,889
21	Tobacco products.....	323	329	296	287	-1.8	+11.1	+3.1	327	326	276	268	324
22	Textile mill products.....	2,459	2,500	2,610	2,554	-1.6	-4.2	+2.2	2,385	2,411	2,540	2,551	2,559
26	Paper and allied products.....	3,840	3,855	3,932	3,981	-0.4	-2.0	-1.2	3,841	3,751	3,731	3,903	3,765
28	Chemicals and allied products.....	10,586	10,299	10,310	10,408	+2.8	-0.1	-0.9	10,697	10,238	9,881	10,25[illegible]	1[illegible],036
29	Petroleum and coal products.....	3,145	3,091	3,122	3,325	+1.7	-1.0	-6.1	3,392	3,255	3,247	3,340	4,342
30	Rubber and plastics products.....	2,784	2,741	2,787	2,853	+1.6	-1.7	-2.3	2,637	2,617	2,647	2,763	2,740
23,27, 31	All other nondurable goods.....	6,869	6,800	6,766	6,845	+1.0	+0.5	-1.2	6,364	6,556	6,717	6,985	5,998

[p]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986	Nov. 1986p	Oct. 1986r	Sept. 1986	Aug. 1986
	All manufacturing industries	1.40	1.41	1.41	1.44	3.30	3.31	3.36	3.41
	Durable goods industries	1.73	1.73	1.76	1.79	4.04	4.05	4.15	4.19
32	Stone, clay, and glass products	1.12	1.10	1.12	1.19	0.58	0.59	0.60	0.62
33	Primary metals	1.62	1.59	1.64	1.73	2.01	1.98	2.01	2.05
34	Fabricated metal products	1.32	1.29	1.31	1.33	1.44	1.39	1.41	1.48
35	Machinery, except electrical	2.17	2.19	2.22	2.25	3.40	3.41	3.55	3.62
36	Electrical machinery	1.94	2.03	2.00	2.05	4.76	5.01	4.90	4.98
37	Transportation equipment	1.84	1.79	1.88	1.86	9.84	10.08	10.96	10.73
38	Instruments and related products	1.98	2.01	2.10	2.02	1.75	1.79	1.89	1.76
	Nondurable goods industries	1.00	1.02	1.00	1.03	0.49	0.49	0.48	0.47
20	Food and kindred products	0.79	0.80	0.79	0.83	(X)	(X)	(X)	(X)
21	Tobacco products	1.50	2.04	1.64	1.67	(X)	(X)	(X)	(X)
22	Textile mill products	1.30	1.32	1.36	1.37	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.05	1.06	1.06	1.09	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.24	1.25	1.23	1.22	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.50	0.54	0.51	0.53	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.54	1.54	1.58	1.66	(X)	(X)	(X)	(X)

p Preliminary. r Revised. (X) Not applicable. (NA) Not available.

[1] Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Nov. 1985	All Novs. 1981-1985	Nov. 1985-Oct. 1986	Year ago Nov. 1985	All Novs. 1981-1985	Nov. 1985-Oct. 1986	Year ago Nov. 1985	All Novs. 1981-1985	Nov. 1985-Oct. 1986	Year ago Nov. 1985	All Novs. 1981-1985	Nov. 1985-Oct. 1986
	All manufacturing industries.	0.1	0.2	0.3	0.2	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.1
	Durable goods industries	0.1	0.2	0.4	0.4	0.4	0.6	0.1	0.1	0.1	0.1	0.1	0.1
32	Stone, clay, and glass products	1.1	0.6	1.0	2.0	1.4	1.1	1.8	1.5	0.9	0.0	0.5	0.3
33	Primary metals	0.8	0.6	0.7	1.0	0.6	0.7	0.1	0.1	0.3	0.4	0.3	0.2
34	Fabricated metal products	0.5	1.1	1.0	1.4	2.0	1.2	0.6	0.5	0.5	0.1	0.4	0.4
35	Machinery, except electrical	0.5	1.0	0.6	0.1	1.4	1.2	0.2	0.4	0.2	0.5	0.2	0.2
36	Electrical machinery	0.9	0.5	0.8	0.3	1.1	1.3	0.2	0.2	0.2	0.1	0.2	0.2
37	Transportation equipment	0.6	0.3	0.3	1.6	1.1	1.4	0.2	0.2	0.2	0.1	0.2	0.1
38	Instruments and related products.	0.1	0.4	1.0	0.1	1.0	1.1	0.0	0.3	0.4	0.3	0.2	0.3
	Nondurable goods industries	0.1	0.3	0.3	0.1	0.3	0.3	0.0	0.2	0.5	0.1	0.2	0.2
20	Food and kindred products	0.8	0.4	0.4	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.3	0.3
21	Tobacco products	0.0	0.0	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.0	0.1
22	Textile mill products	1.8	1.3	1.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.9	0.8	1.0
26	Paper and allied products	0.8	0.7	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.0	0.2	0.3
28	Chemicals and allied product	1.2	0.5	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.6	0.7	0.4
29	Petroleum and coal products	1.8	1.1	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.9	0.8	0.6
30	Rubber and plastics products	0.8	0.9	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.3	0.6
	Capital Goods Industries:												
	Nondefense	1.1	0.7	0.5	1.7	1.6	0.7	0.1	0.1	0.1	0.4	0.2	0.2
	Defense	0.5	0.8	1.0	2.5	4.0	4.1	0.1	0.2	0.2	0.6	0.3	0.3

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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NOTICE

Effective with the February 1987 Advance Report on Durable Goods to be issued on March 24, and the regular Manufacturers' Shipments, Inventories and Orders (M3) report to be issued on March 31, the following changes in the M3 survey will be implemented:

- Concurrent seasonal adjustment of the M3 data series will begin. Concurrent seasonal adjustment uses all available unadjusted estimates, including the current month, to calculate seasonal factors for generating the seasonally adjusted data series. Several industry categories will no longer be adjusted, due to lack of seasonal variation in the series. For these series, unadjusted data will be included in both the seasonally adjusted and unadjusted aggregates.

- Inventory data will be valued on a current cost (or pre-LIFO) basis. Currently, the inventory data are reported at book value using any generally accepted method of accounting (FIFO, LIFO, etc.).

- The household durable goods series will be eliminated from the advance report and several series will be eliminated from the regular report because they do not meet publication standards.

- Data for 3 months ago will be replaced by data for the current month 1 year ago.

- An annual report including data for 1982-1986 will be issued prior to the February advance report on durable goods. This report will contain revisions to the monthly data to reflect benchmarking to the 1982 Census of Manufactures and 1983-1985 Annual Surveys of Manufactures, corrections to monthly data for reports received too late for inclusion in the monthly publications, and updating of seasonal factors.

Any questions regarding this announcement can be answered by calling (301) 763-2502.

PUBLICATION DATES FOR THE 1987 MONTHLY M3 SURVEY
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

Report Covering	Advance Report Release Dates (8:30 a.m. release time)	Regular Report Release Dates (10:00 a.m. release time)
January	Tues., Feb. 24	Wed., Mar. 4
February	Tues., Mar. 24	Tues., Mar. 31
March	Wed., Apr. 22	Thurs., Apr. 30
April	Fri., May 22	Tues., June 2
May	Tues., June 23	Tues., June 30
June	Thurs., Jul. 23	Fri., Jul. 31
July	Tues., Aug. 25	Tues., Sept. 1
August	Wed., Sept. 23	Thurs., Oct. 1
September	Fri., Oct. 23	Mon., Nov. 2
October	Tues., Nov. 24	Thurs., Dec. 3
November	Tues., Dec. 22	Thurs., Dec. 31
December	Tues., Jan. 26, 1988	Wed., Feb. 3, 1988